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› [Tuff Coat](#) /

› [Tuff Coat UT-219 Submersible Water-Based Rubberized Non-Skid Coating Instruction Manual](#)

## Tuff Coat UT-219

# Tuff Coat UT-219 Submersible Water-Based Rubberized Non-Skid Coating Instruction Manual

Brand: Tuff Coat | Model: UT-219

## 1. PRODUCT OVERVIEW

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The Tuff Coat UT-200 series, including the UT-219, is a single-component, flexible, water-based non-skid coating. It is formulated through a unique process involving cross-linking urethanes, acrylics, co-polymers, and recycled rubber granules to create a long-lasting, non-slip finish. This product is designed for both in-water and out-of-water applications.

The flexible matte finish dries to a thickness of 30-35 mils, effectively hiding significant imperfections on various surfaces and enhancing existing non-skid finishes for improved safety. It is a low-odor product, suitable for application with a Tuff Coat roller or a low-pressure hopper spray gun.



*Image: Close-up of the white textured surface of Tuff Coat UT-219, demonstrating its non-skid properties.*

## 2. KEY FEATURES

- **Submersible Medium Texture:** Provides a durable, non-slip surface for areas exposed to water.
- **Versatile Application:** Ideal for splash pads, wave pools, spray parks, restroom floors, deck surfaces, and other areas requiring slip resistance.
- **Durable Finish:** Dries to 30-35 mils thickness, hiding imperfections and improving safety.
- **Low Odor & Non-Toxic:** Environmentally friendly and safer for application.
- **Multi-Surface Adhesion:** Excellent for concrete, fiberglass, wood, metal substrates, and previously painted surfaces.
- **Available in Multiple Colors:** UT-219 is White, with other colors available in the UT-200 series.

# AVAILABLE IN 11 COLORS



*Image: Tuff Coat UT-219 is available in White, shown alongside other color options in the Tuff Coat range.*

### 3. PRODUCT TYPES

Tuff Coat offers various rubberized non-skid coatings tailored for different application needs:

# AVAILABLE IN SUBMERSIBLE & NON-SUBMERSIBLE



*Image: Tuff Coat offers both submersible and non-submersible coatings to suit various needs.*

### 3.1. UT-100 Series (Non-Submersible)

This series features a medium texture and is designed for surfaces that require slip resistance but will **not** be submerged in water. Applications include pool decks, ramps, locker rooms, kitchens, footbridges, and stairs.

### 3.2. UT-200 Series (Submersible - Current Product)

The UT-200 series, including the UT-219, is a fully submersible product with a medium texture. It provides an attractive, highly durable, impact-resistant, non-slip surface suitable for areas that can be used both in and out of water. This includes splash pads, kiddie pools, catch pools, wave pools, spray parks, restroom floors, and deck surfaces.



Image: Tuff Coat UT-219 is a durable, water-based, rubberized coating for non-slip surfaces, ideal for splash pads and other wet environments.

### 3.3. UT-300 Series (Commercial Grade)

This commercial-grade product features a coarse texture, offering extreme durability, impact resistance, and a non-slip surface for heavy-duty industrial applications. It can be used in or out of wet environments, such as loading docks, ramps, and refineries.

## 4. SETUP AND SURFACE PREPARATION

Proper surface preparation is crucial for optimal adhesion and longevity of the Tuff Coat coating. Ensure the surface is clean, dry, and free from loose debris, oil, grease, and other contaminants.

### 4.1. General Surface Preparation

1. **Clean the Surface:** Thoroughly clean the surface to remove all dirt, grime, oil, and loose paint. Pressure washing is often recommended for large areas.
2. **Repair Imperfections:** Fill any cracks, holes, or significant imperfections with an appropriate repair material and allow it to cure.

3. **Roughen the Surface:** For smooth surfaces like fiberglass or metal, light sanding or etching may be required to create a profile for better adhesion.
4. **Rinse and Dry:** Rinse the surface thoroughly to remove all cleaning residues and allow it to dry completely. Ensure there is no standing water or moisture.
5. **Masking:** Use painter's tape to mask off any areas you do not wish to coat.

## 4.2. Priming (Recommended)

Priming is essential for promoting adhesion between the substrate and the Tuff Coat. Choose the appropriate primer based on your surface type:

### 4.2.1. UT-80 Adhesion Primer (Water-Based Epoxy Primer Sealer)

UT-80 is a two-component, water-based epoxy primer sealer. It is excellent for concrete, masonry, fiberglass, wood, and previously painted surfaces. It can even be applied to damp concrete surfaces following proper application procedures. UT-80 is compatible with all Tuff Coat rubberized non-skid coatings.



Image: Application diagram for Fiberglass, Concrete, and Wood, showing 1 coat of Tuff Coat UT-80 Adhesion Primer followed by 2 coats of Tuff Coat Rubberized Non-Skid Coating.

### 4.2.2. UT-95 Metal Primer (Water-Based Corrosion Inhibiting Primer)

UT-95 is a fast-drying, single-component, water-based corrosion-inhibiting primer. It is designed for use on interior and exterior metal applications, including bare steel and aluminum surfaces. This primer chemically etches the metal for a tighter bond and prevents corrosion. UT-95 is compatible with Tuff Coat rubberized non-skid coatings.

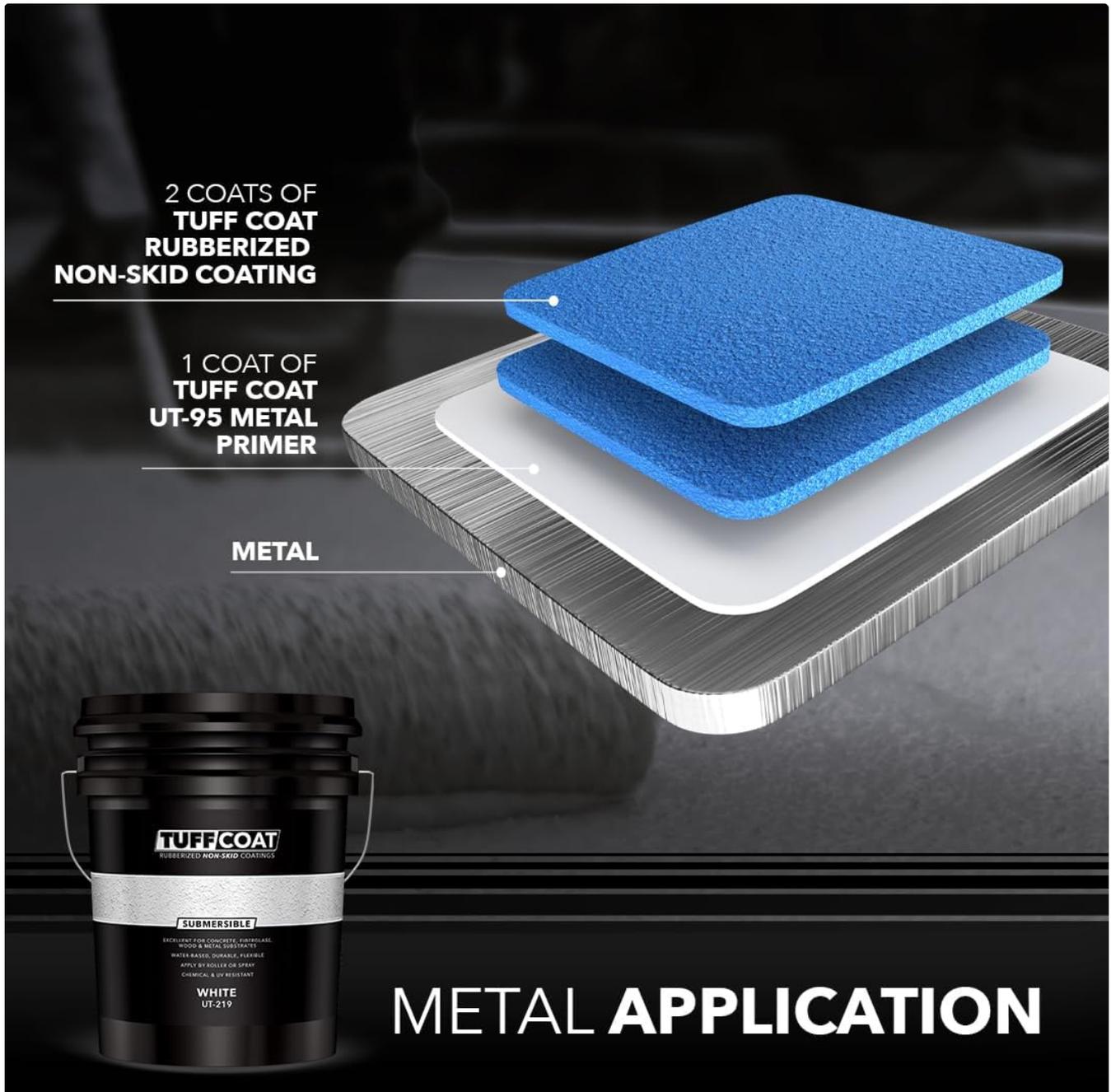


Image: Application diagram for Metal surfaces, showing 1 coat of Tuff Coat UT-95 Metal Primer followed by 2 coats of Tuff Coat Rubberized Non-Skid Coating.

## 5. OPERATING INSTRUCTIONS (APPLICATION)

Tuff Coat products can be applied using a low-pressure hopper gun, a commercial texture sprayer, or a Tuff Coat roller. For optimal results, follow these general application guidelines:

### 5.1. Mixing the Coating

Before application, thoroughly mix the Tuff Coat coating. Use a drill with a mixing paddle to ensure the rubber granules are evenly dispersed throughout the product. Mix until a uniform consistency is achieved.

Your browser does not support the video tag.

Video: An overview of Tuff Coat Rubberized Non-Skid Coating, demonstrating mixing and application methods.

## 5.2. Application Methods

- **Roller Application:** Use specially formulated Tuff Coat rollers (e.g., 3/8" nap) to ensure proper dispersion of rubber granules and a uniform finish. Standard paint rollers may push aggregate around, leading to a non-uniform finish. Apply even coats, allowing adequate drying time between coats.
- **Spray Application:** For larger areas or a more consistent texture, use a low-pressure hopper gun or commercial texture sprayer. Follow the equipment manufacturer's instructions for proper setup and operation.



*Image: Demonstrates both roller and spray application methods for Tuff Coat on a pool deck.*

## 5.3. Number of Coats

Typically, two coats of Tuff Coat Rubberized Non-Skid Coating are recommended for optimal performance and durability, applied over a properly primed surface.

Your browser does not support the video tag.

*Video: A demonstration of how to apply a truck bed liner paint, showcasing surface preparation and coating application.*

## 6. MAINTENANCE

To maintain the appearance and performance of your Tuff Coat surface:

- **Regular Cleaning:** Clean the coated surface regularly with mild soap and water. Avoid harsh chemicals or abrasive cleaners that could damage the coating.
- **Inspect for Damage:** Periodically inspect the surface for any signs of wear, damage, or peeling. Address any issues promptly to prevent further deterioration.
- **Touch-Ups:** Small areas of damage can often be touched up with additional Tuff Coat product, ensuring proper surface preparation before reapplication.

## 7. TROUBLESHOOTING

If you encounter issues during or after application, consider the following:

- **Poor Adhesion:** This is often due to inadequate surface preparation (e.g., surface not clean, dry, or properly primed). Ensure all contaminants are removed and the correct primer is used.
- **Uneven Texture:** May result from improper mixing of the product or using a non-recommended roller. Ensure thorough mixing and use Tuff Coat specific rollers for uniform granule dispersion.
- **Bubbling/Blistering:** Can occur if the product is applied too thickly, or if there is moisture trapped beneath the coating. Apply thin, even coats and ensure the surface is completely dry.
- **Insufficient Coverage:** Ensure you are applying the recommended mil thickness per coat. Refer to product specifications for coverage rates.

## 8. SPECIFICATIONS (TUFF COAT UT-219 WHITE)

Specification	Detail
Brand	Tuff Coat
Model Name	93007
Color	White
Size	640 Fl Oz (5 Gallons)
Finish Type	Matte
Special Feature	Low Odor, Non Toxic
Paint Type	Water-Based, Rubberized Non-Skid Coating
Surface Recommendation	Fiberglass, Metal, Concrete, Wood, Previously Painted Surfaces
Indoor/Outdoor Usage	Outdoor (Submersible)
Water Resistance Level	Water Resistant (Submersible)
UPC	725469031739

## 9. WARRANTY AND SUPPORT

For specific warranty information, product support, or technical assistance, please refer to the official Tuff Coat website or contact their customer service directly. Always retain your proof of purchase for any warranty claims.

**Manufacturer:** MRT

**Return Policy:** 30-day refund/replacement (as per Amazon listing, subject to change)

